

Official Gazette for Kokai Patent Applications, Front Page

(11) Publication no.: Unexamined Patent Application Publication No. H06-084428

(43) Disclosure date: March 25, 1994

(51) Int. Cl.⁵ H01H 21/00 330

320

(21) Application no.: Patent Application No. H04-119999

(22) Application date: April 14, 1992

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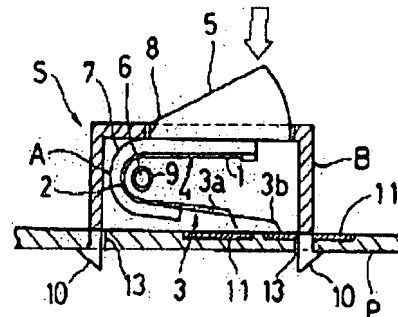
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(54) Push Switch for Printed Circuit Board

(57) [Abstract] (amended)

[Purpose] To provide a push switch for a printed circuit board capable of opening/closing electrical circuits to and from each other, by constituting the push switch in such a way that an extremely small switch body housing a contact spring piece is mounted at the intended position on the printed circuit board, as in the case of various types of small electronic parts.

[Constitution] A contact spring piece A comprising a pusher 5, a fulcrum shaft 6, and upper and lower contact pieces 3a and 3b is provided, while providing a case B having a slit 8 on a top plate, shaft holes 9 through right and left side plates, and grip means 10 at a lower end. The contact spring piece A [is housed] within the case B, with its fulcrum shaft 6 engaged with the shaft hole 9 or a recess, and the switch body S is provided by fitting the pusher 5 into the slit 8 and installing it so that its tip projects to the exterior of the top plate. This switch body S is mounted on the circuit 11 of a printed circuit board P via the mounting means 10. Thus, the lower contact piece 3b of the contact spring piece A is pressure-contacted with one circuit 11, and the upper contact piece 3a is positioned above the other circuit 11.



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| S: | Switch body | 4: | Horizontal U-shaped spring piece |
| P: | Printed circuit board | 5: | Pusher |
| A: | Contact spring piece | 6: | Fulcrum shaft |
| B: | Case | 7: | Holder |
| 1: | Upper piece | 8: | Slit |
| 2: | Recurved part | 9: | Shaft hole |
| 3: | Lower piece | 10: | Mounting means |
| 3a: | Upper contact piece | 11: | Circuit |
| 3b: | Lower contact piece | 13: | Installation hole |